FILLING THE TUBE CASSETTE

You either remove and fill the tube cassette on site, or you have filled a replacement cassette beforehand and only replace the empty cassette on site:

1. Remove empty tube cassette:
   - Pull both latches together (Fig. 2, A).
   - Swivel cassette out of the housing guides to the front (Fig. 2, B).
2. If necessary, fill tube cassette.
3. Reinstall full (replacement) tube cassette:
   - Insert cassette in lower and then in upper housing guides (Fig. 2, B).
   - Push cassette into the housing.
   - Let the cassette's pivots as well as both latches engage in the housing guides (audible click) (Fig. 2, C).

   The A-66 is ready to operate. However, performing a test vend is recommended.
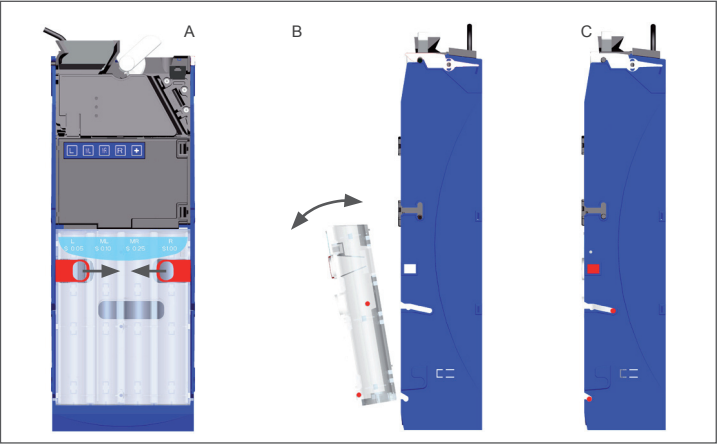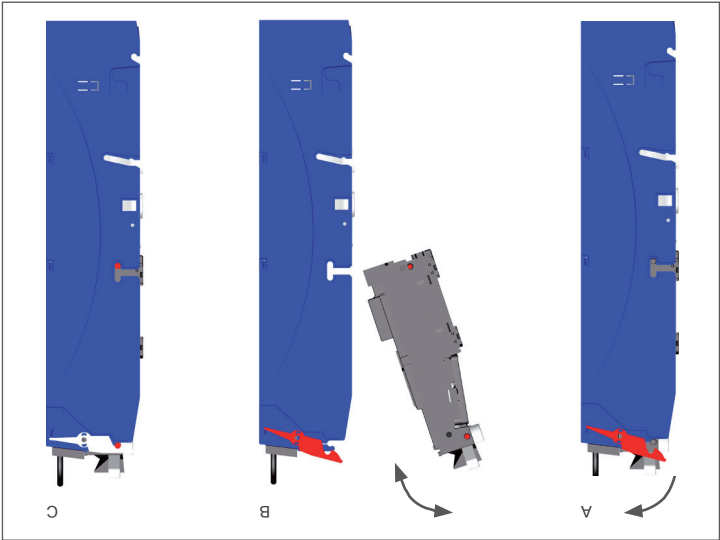

Fig. 2: Removing and reinstalling tube cassette

i   *As you fill the cassette with no particular number of coins which could be counted or registered by the coin changer, the automatic tube counter correction must be active. It adapts the tube counter readings after each coin acceptance and payout to the measurements of the filling level sensors (default setting).*

4

A-66 MDB QUICK START-UP

DEVICE OVERVIEW

| L | ML | MR | R | + |

L
– Give out one/several L-tube coins
– Empty L tube
– Stop emptying of other tube

ML
– Give out one/several ML-tube coins
– Empty ML tube
– Stop emptying other tube

MR
– Give out one/several MR-tube coins
– Empty MR tube
– Stop emptying of other tube

R
– Give out one/several R-tube coins
– Empty R tube
– Stop emptying of other tube

+
– Enter tube filling mode
– Return to operating mode

1	Coin insert funnel	7	Lever – Opening coin validator
2	Return lever	8	Service keys
3	Lever – Removing coin validator	9	Coin validator
4	Interface – Setting module/handheld application "PalmA66"	10	Payout combination
5	Pilot lights	11	Latches – Removing tube cassette
6	Spring tab – Closing coin validator	12	Tube cassette
		13	MDB machine connecting cable

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INSTALLATION

Fig. 1b: Removing and reinstalling validator

8. Plug the machine in.
7. If necessary, connect coin changer to power via the feeder (barrel connector) for PC application.
6. Connect the coin changer to the vending machine using the MDB connecting cable and also connect any external devices, such as hopper or recycler, to the coin changer.

   i   **Ensure that there is an air gap between the return lever of the vending machine and that of the coin changer.**

5. Swivel the coin validator in again and let it engage (Fig. 1b).
4. Fasten the housing of the coin changer in the vending machine with screws.

   i   **Ensure that the coin validator is properly connected with the coin changer by the ribbon cable.**

3. Lift up the lever and then swivel out the coin validator (Fig. 1b).
2. Hang the coin changer in the vending machine using the three fastening holes in the rear wall (Fig. 1a).
1. Pull the power plug of the vending machine.

Fig. 1a: Fastening holes

SAFETY

We reserve the right to make technical modifications to the device which are not covered by this short reference guide or the user manual!

i   **If the device is no longer required, please dispose of it correctly.**

i   **Keep water and other liquids away from the changer.**

i   **Contact NRI if you want to alter the construction of the device to a greater extent than the modifications described in the user manual.**

i   **Never pull the connecting cable of the changer from the coin validator when a voltage is applied.**

i   **Ensure correct potential equalization in the vending machine and in the changer being used (option: metal housing).**

i   **Select the correct voltage for the changer (see label).**

i   **Pull the vending machine's mains plug before you install, clean or remove the changer.**

i   **The changer PCBs are fitted with components that can be damaged by electrostatic discharge. Please observe the handling instructions for components exposed to the risk of electrostatic discharge.**

i   **The changer may only be connected by a qualified electrician.**

i   **Always transport the changer without any coins in it and in its original packaging. It is only in this way sufficiently protected. Never carry it by means of the cables.**

i   **Only use the changer according to proper use. Under no circumstances can the manufacturer be held liable for any damage or loss resulting from improper use of the device.**

Protecting yourself and equipment

The changers have been constructed in compliance with the state of the art and the recognized safety regulations. Nevertheless this equipment can be a source of danger. Therefore please observe the following safety regulations.

Proper use

The 4-tube changers of the A-66 series with MDB interface are designed to be used for coin management in vending and service machines with MDB interface.

Before operating the device for the first time, please read through the E-66/A-66 user manual available online at www.nri24.com (⇨ Download, ⇨ Coin changer E-66/A-66, ⇨ Technical documentation) carefully at least once, and most importantly these safety instructions. This is to ensure you have understood the contents of the manual as well as how to operate the changer.

A-66 MDB QUICK START-UP

SETTING THE A-66 WITH EasyConfig™

Using the switching block on the rear of the coin validator you may adapt the A-66 to your individual needs. Just set the corresponding switch:

1. Pull the power plug of the vending machine.
2. Lift up the lever and then swivel out the coin validator (Fig. 1b).

⚠ **Ensure that the coin validator is properly connected with the coin changer by the ribbon cable.**

3. Set switches on the rear of the coin validator (Fig. 4) according to the right-hand table or configuration instructions below.

Fig. 4: Switching block

4. Swivel the coin validator in again and let it engage (Fig. 1b).
5. Plug the machine in.

Configuration instructions

Set switches to

Notes

Adjustment		Switch positions
Coin channels 0–15 (switches 1–4 binary coded: S1=8, S2=4, S3=2, S4=1)	Enable channel x	
	Disable channel x	
Cassette payout combination (L | ML | MR | R)	N | D | Q | Q	
	N | D | Q | $	
	Q | Q | Q | $	
	N | D | N | Q	
	N | D | N | $	
	N | N | Q | $	
	N | N | Q | Q	
	N | N | $ | $	
	Q | N | Q | Q	
	Q | N | Q | $	
	Q | N | $ | $	
	Q | Q | Q | Q	
	Q | Q | $ | $	
Float level for all tubes	Activate	
	50%	
	75%	
	100% (default)	
Tokens	Accept	
	Do not accept	
High-value bill acceptance when tube(s) empty	Enable bills (default)	
	Disable bills	
Recycler store	Empty	
	Do not empty (default)	
Service keys	Enabled (default)	
	Disabled	
	VMC enable/disable	
MDB level	2 (default)	
	3	

CLEANING

Only the changer's coin runway must be cleaned from time to time. Over and above there is no further maintenance work to do.

- Cleaning interval: as required
- Cleaning aids: compressed air
  cloth
  luke warm water with dilute solution of a mild detergent

⚠ **Under no circumstances may the coin changer be immersed or the cloth be so wet that fluid runs into the device. Other the PCB will be damaged. Do not use any solvents or scouring agents which attack the plastic of the device.**
Pull the machine's power plug before you clean the coin changer.

To clean the coin runway:

1. Pull the machine's power plug.
2. Press the locking lever upwards and open the coin validator (Fig. 5, A).
3. Remove debris by hand and blow out dust or particles with compressed air.
4. Wipe coin runway inside the coin validator clean.
5. Dry validator thoroughly.
6. Press Close arrow so that the metal spring engages behind the locking lever in order to close the coin validator again (Fig. 5, B).
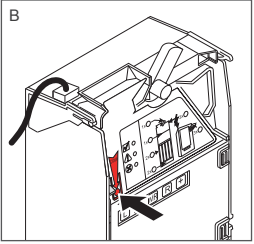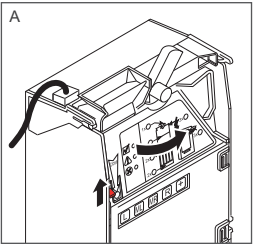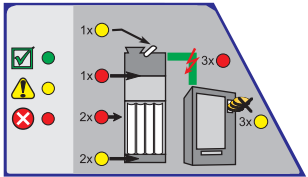7. Plug the machine in.

Fig. 5: Opening/closing flight deck

DIAGNOSTICS & TROUBLESHOOTING

In case of a malfunction the pilot lights at the top of the A-66 show where the fault is, helping you roughly locating the error and remedying the defect:

- ☑ ● If the green LED lights up or flashes, there are no faults and the A-66 is working properly.
- ⚠ ● If the yellow LED flashes there is a definite fault which, in general, can be easily remedied.
- ⊗ ● If the red LED flashes, it is probably a fault that must be remedied by a service technician.

In order to diagnose the cause of the fault in detail please connect one of the NRI service tools (setting module, handheld with PalmA66 application or WinEMP).

ℹ *If you need further help to correct the error, please refer to the E-66/A-66 user manual or contact our service technicians.*

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